2.01	EXPANDING	8	LONGITUDINAL SCREW CLAMP
2.01	.Collet type	9.1	SOCKET TYPE
2.02	Fixed jaws and moving cam	14	.Multiple alternative
2.03	Fixed jaws and moving cam	16	.Self-centering of floating
2.05		17	Radially reciprocating jaws
2.03	i.e., diaphragm	18	Transverse holder and setscrew
2.06	.Fluid-pressure actuator	19	.Lost motion
2.07	Directly expanding jaws	19.1	Swinging external yoke or
2.07	Jaw is expansible chamber;		detent
2.00	i.e., bladder type	19.2	Rotary socket
2.09	Expanding jaws via mechanical	19.3	Rotary socket
2.00	connection	19.4	Spreading elements
2.1	.Axially moving actuator	19.5	Key retainer
2.11	Wedge	19.6	Sleeve type retainer
2.12	Internal cone	19.7	Sleeve in socket
2.13	With jaw positively	20	.Fluid-conduit drill holding
2.13	interlocked with wedge; e.g.,	20.1	.Feed type
	dovetail or T-slot		.Self-grasping
2.14	With resilient means		Yielding grasping jaws
	contacting nonresilient jaw	22	Ball or roller
2.15	Constricting band, annulus,	23.1	Spring jaws
	or clip	24	Yielding detent
2.16	Toggle		One-way-clutch type
2.17	Axially compressible element	28	Wedge
	expands radially	29	Side detent
2.18	Lever	30	Ball or roller
2.19	.Rotary actuator	32	.Conical clamp threaded in socket
2.2	Clutch or self-actuating type	33	.Transversely oscillating jaws
2.21	.Jaw structure	34	Screw actuated
2.22	Resilient	35	.Pivoted jaws
2.23	Ball or roller		Moving-cam actuator
2.24	Pivoted	36	Threaded cam sleeve
3	VACUUM	37	Reciprocating cam sleeve
4.01	WITH FLUID-PRESSURE ACTUATOR	38	Fixed cam and moving jaws
4.02	.With measuring, indicating or	39	Axial screw actuator
	control means	40	Threaded-sleeve actuator
4.03	.Jaw is expansible chamber; i.e.,		.Resilient split socket
	bladder type	42	Threaded cam sleeve
4.04	.Pneumatic type	43	Reciprocating cam sleeve
4.05	.Jaws mounted on flexible member;	43.1	Unitary
	i.e., diaphragm	43.2	Split at one end only
4.06	.Socket type	43.3	Transverse screw actuator
4.07	Collet	43.4	Cam actuator
4.08	Fixed cam and moving jaws	43.5	Split end to end
4.09	Moving cam and fixed jaws	43.6	With jaw pads or insert
4.1	.Radially reciprocating jaws	43.7	Nonresilient member biased by a
4.11	Fluid pressure directly moves		resilient member
	jaws	43.8	Resilient member reinforced by
4.12	Fluid pressure moves jaws via	40.5	another resilient member
_	mechanical connection	43.9	.With means to exclude
5	ANGULARLY ADJUSTABLE OR INDEXING		contaminants; e.g., seal,
6	ECCENTRIC	1.1	shield
7	THREADED GRIP	44	.One movable side

45	Sleeved	81	Rotary cam sleeve
46.1	.Spring biased jaws	82	Reciprocating sleeve
46.2	Unitary	83	Set screw
46.3	Split at one end only	84	U-clamp
46.4	Split at both ends	85	Plural bolt
46.5	Split and to end	86	Single transverse bolt
46.6	With jaw pads or insert	87	Longitudinal clamping wedge
46.7	Nonresilient member biased by a	89	Longitudinal clamping wedge .Shouldered-tang holding
40.7	resilient member	90	Cap
46.8	Resilient member reinforced by	91	Screw
40.0	another resilient member	93	Screw .Tang offset within socket
46.9	With means to exclude	94	.Tang offset without socket
10.5	contaminants; e.g., seal,	95	.Bottomless
	shield	95 96	
	Moving-cam actuator		Friction grip
47	Threaded sleeve and wedge	97	.Transverse pin
48	Threaded sleeve and wedge	99	.Screw threaded
49		100	Nut lock
	Loose jaws	101	Threaded sleeve
50	Reciprocating cam sleeve	102	.Friction grip
51	Fixed cam and moving jaws	103	Drill type
52	Threaded-sleeve actuator	104	.Barbed or pronged tang
53	Axial screw actuator	105	.Molded or cast-in tang
54	Loose jaws	105.1	.Adjustable length or size
55	.Loose jaws	106	PIVOTED JAW
	Moving-cam actuator	107	.Cam-sleeve actuated
56	Threaded cam sleeve	108	.Internal-cone actuated
57	Reciprocating cam sleeve	109	.Toggle actuated
58	Fixed cam and moving jaws	110	RADIALLY RECIPROCATING JAWS
59	Threaded sleeve and body	111	.With indicator
60	.Obliquely guided reciprocating	112	.Transverse-screw actuated
	jaws	113	Annular rack
61	Threaded sleeve and jaw	114	.Spiral cam or scroll actuated
62	Conical sleeve	115	Worm
63	Threaded central cone and jaw	116	Bevel pinion
64	Threaded sleeve and body	117	.Rack-and-pinion actuated
65	Reciprocating jaw advancing	118	.Toggle actuated
	sleeve	119	.Lever actuated
66	.Radially reciprocating jaws	120	Internal cone
67	Transverse-screw actuated	121	.Wedge actuated
68	Interlaced jaws	122	.External-cone actuated
	Moving-cam actuator	123	.Jaws
69	Threaded cam sleeve	124	With means to facilitate jaw
70	Threaded sleeve and wedge		removal
71	Rotary eccentric-cam sleeve	125	WITH SAFETY FEATURE
72	Roller and rocking jaw	126	WITH MEASURING, INDICATING OR
73	Worm actuated		CONTROL MEANS
74	Reciprocating cam sleeve	127	DOUBLE ACTING
75	Ball or roller jaws	128	WITH MAGNETIC OR ELECTROSTATIC
76	.Side detent		MEANS
77	Pivoted or rotary	129	BY CENTRIFUGAL FORCE
78	Sleeved	130	.To counterbalance jaws
79	Spring	131	.To grip tool or workpiece
80	Sleeved	132	COMPENSATION FOR ECCENTRICITY
		100	COLL DISTILLOIS LOW ECCENTRICITI

133	WITH CENTERING MEANS	
134	SEPARATE CHUCK-ACTUATING POWER	
	SOURCE	
135	.Self-contained	
136	FOR GEAR OR SPLINE MOLDING	
137	MORE THAN ONE SET OF GRIPPING	
	MEANS	
138	TORSION MANDREL	
139	JAWS MOUNTED ON FLEXIBLE MEMBER;	
	I.E., DIAPHRAGM	
140	MEANS TO PREVENT JAW LOOSENING	
141	MEMBER APPLIES AXIAL FORCE	
	COMPONENT	
142	ACCESSORY OR COMPONENT	
143	.Adapter	
144	Drive conversion	
145	For particular tool or	
	workpiece	
146	.Sliding cam chuck actuator	
147	.Chuck key	
148	Safety feature; e.g., ejector,	
	interlock	
149	Key holding or attaching means	
150	Nonseparable or built-in	
151	.Padded or cushioned jaw	
152	.Jaw insert	
153	Machinable jaw	
154	Locking or positioning means	
155	.Tool or workpiece ejector	
156	.Tool or work stop or locator	
157	.Protection means; e.g., cover,	
	seal, overstress prevention,	
	air blast	
158	MISCELLANEOUS	

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900	ADAPTED FOR AUTOMATIC TOOL
	CHANGER
901	CHUCK OR CHUCK JAW CHANGING MEANS
902	KEYLESS TYPE SOCKET
903	NEEDLE ROLLER TYPE SOCKET
904	QUICK CHANGE SOCKET
905	.With ball detent
906	SELF GRASPING SOCKET
907	WASHER TYPE JAW OR ACTUATOR

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